

Global Exosome RNA Extraction Kit Market Growth 2026-2032

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Abstracts

The global Exosome RNA Extraction Kit market size is predicted to grow from US\$ 326 million in 2025 to US\$ 938 million in 2032; it is expected to grow at a CAGR of 16.4% from 2026 to 2032.

An Exosome RNA Extraction Kit is a laboratory tool designed to isolate and purify RNA contained within exosomes (including mRNA, miRNA, lncRNA, etc.) from biological samples such as serum, plasma, urine, or cell culture supernatants. The kit typically uses lysis, precipitation, or column-based purification methods to obtain high-quality and intact exosomal RNA for downstream applications such as qPCR, RNA sequencing (RNA-seq), and biomarker discovery. In 2025, global Exosome RNA Extraction Kit production reached approximately 812,000 units, with an average global market price of around US\$ 410 per unit. Annual production capacity is 1,050,000 units. Gross Profit Margin: 72%. The exosome RNA extraction kit industry chain consists of three main layers: upstream raw material suppliers, midstream manufacturers, and downstream application users. Upstream includes silica membranes, magnetic beads, enzymes, and chemical reagents that determine extraction efficiency and purity. Midstream manufacturers such as Qiagen, Thermo Fisher, and emerging Asian biotech firms integrate these materials into standardized kits with optimized protocols. Downstream demand comes from academic laboratories, oncology research centers, clinical diagnostics developers, and pharmaceutical companies focusing on liquid biopsy and biomarker discovery. This product sits in a high-growth niche driven by precision medicine and RNA-based diagnostics. Although the current market size is still relatively small, demand is expanding rapidly due to increasing use of liquid biopsy and exosome-based biomarkers in cancer research. The key competitive factor is not only technical performance but also reproducibility, workflow speed, and compatibility with downstream sequencing platforms. In my view, this segment will continue consolidating

around a few global leaders while specialized regional manufacturers capture cost-sensitive research demand.

United States market for Exosome RNA Extraction Kit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Exosome RNA Extraction Kit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Exosome RNA Extraction Kit is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Exosome RNA Extraction Kit players cover Qiagen, Thermo Fisher Scientific, Bio-Techne, Norgen Biotek, Zymo Research, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Exosome RNA Extraction Kit Industry Forecast" looks at past sales and reviews total world Exosome RNA Extraction Kit sales in 2025, providing a comprehensive analysis by region and market sector of projected Exosome RNA Extraction Kit sales for 2026 through 2032. With Exosome RNA Extraction Kit sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Exosome RNA Extraction Kit industry.

This Insight Report provides a comprehensive analysis of the global Exosome RNA Extraction Kit landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Exosome RNA Extraction Kit portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Exosome RNA Extraction Kit market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Exosome RNA Extraction Kit and breaks down the forecast by Sample Type Compatibility, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Exosome RNA Extraction Kit.

This report presents a comprehensive overview, market shares, and growth opportunities of Exosome RNA Extraction Kit market by product type, application, key manufacturers and key regions and countries.

Segmentation by Sample Type Compatibility:

Serum/Plasma-specific

Urine-specific

Cell Culture Supernatant-specific

Universal Biofluid Type

Segmentation by Throughput/ Automation:

Manual Kits

Semi-automated Kits

Fully Automated System-compatible Kits

Segmentation by Sensitivity:

Standard Sensitivity?>1 mL?

High Sensitivity?0.2?1 mL?

Ultra-high Sensitivity?

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